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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/029,345A

DATE: 05/30/2002 TIME: 10:20:21

Input Set : A:\D0072.NP.msg.parts.ST25.txt
Output Set: N:\CRF3\05302002\J029345A.raw

3 <110> APPLICANT: Bristol-Myers Squibb Company 5 <120> TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL HUMAN PHOSPHATASES 7 <130> FILE REFERENCE: D0072.NP 9 <140> CURRENT APPLICATION NUMBER: US 10/029,345A 10 <141> CURRENT FILING DATE: 2001-12-20 12 <150> PRIOR APPLICATION NUMBER: US 60/256,868 13 <151> PRIOR FILING DATE: 2000-12-20 15 <150> PRIOR APPLICATION NUMBER: US 60/280,186 16 <151> PRIOR FILING DATE: 2001-03-30 18 <150> PRIOR APPLICATION NUMBER: US 60/287,735 19 <151> PRIOR FILING DATE: 2001-05-01 21 <150> PRIOR APPLICATION NUMBER: US 60/295,848 22 <151> PRIOR FILING DATE: 2001-06-05 24 <150> PRIOR APPLICATION NUMBER: US 60/300,465 25 <151> PRIOR FILING DATE: 2001-06-25 27 <160> NUMBER OF SEQ ID NOS: 208 29 <170 > SOFTWARE: PatentIn version 3.0 31 <210> SEO ID NO: 1 32 <211> LENGTH: 144 33 <212> TYPE: DNA 34 <213> ORGANISM: HOMO SAPIENS 36 <400> SEQUENCE: 1 60 37 ctagtttact tetacaattt eggatggaag gattatggtg tagegtetet tactaetate 39 ctagatatgy tgaaggtgat gacatttgcc ttacaggaag gaaaagtagc tatccattgt 120 144 41 catgcagggc ttggtcgaac aggt 44 <210> SEQ ID NO: 2 45 <211> LENGTH: 48 46 <212> TYPE: PRT 47 <213> ORGANISM: HOMO SAPIENS 49 <400> SEQUENCE: 2 51 Leu Val Tyr Phe Tyr Asn Phe Gly Trp Lys Asp Tyr Gly Val Ala Ser 54 Leu Thr Thr Ile Leu Asp Met Val Lys Val Met Thr Phe Ala Leu Gln 20 25 57 Glu Gly Lys Val Ala Ile His Cys His Ala Gly Leu Gly Arg Thr Gly 35 40 60 < 210 > SEO ID NO: 361 <211> LENGTH: 33 62 <212> TYPE: DNA 63 <213> ORGANISM: HOMO SAPIENS 65 <400> SEQUENCE: 3 66 gatgtettet gggeceteet gtggaacaca gtt 33

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160 150 155 299 145 W--> 301 Gln Lys Ser Gln Lys Xaa Leu Phe Pro Ser 165 304 - 210> SEQ ID NO: 9 305 <211> LENGTH: 1710 306 <212> TYPE: DNA 307 <213> ORGANISM: HOMO SAPIENS 309 <400> SEOUENCE: 9 310 ctcaggcaga actatgaggc caagagtgct catgcgcacc aggctttctt tttgaaattc 60 120 312 qaggagctga aggaggtgag caaggagcag cccagactgg aggctgagta ccctgccaac 314 accaccaaqa actqttaacc acatqtqcta ccctatqacc actccaqqqt caqqctgacc 180 316 caqctqqaqq qaqaqcctca ttctqactac atcaatqcca acttggtccc aggctacacc 240 300 318 egeceaeagg agtteattge eteteagggg eeteteaaga aaacaetgga gaacttetgg 360 320 eggetggtge gggageagea ggteegeate ateateatge egaceateag catggagaae 420322 gagagagatac tataqtaaqca ttactaacta accasactota coccagacac coataatcac 324 atcaccated acctectage tgaggagect gaggatgagt ggaccaageg ggaattecag 480 326 otgoagcacg ttgtocagca acatcaacgg agggtggagc aactgcagtt caccacctga 540 328 tecgaccaca geatectiga ggeteceage tecetgeteg cettiatgga getggtacag 600 330 tagcaggcaa gggccaccca gggcgtggga cccatcctgg tgcactgcag gggctgtccc 660 720 332 tycqqtqtqq qcatqqqccq qacaqqcacc ttcgtggccc tgtcgaggct gctgcagcag 780 334 ctggaggagg agcagatggt agacgtgttc catgctgtgt atgcactccg gatgcaccag 336 occoteatga tocagaccot gagocagtae gtottoetge acagetgeet actgaacaag 840 338 attetggaag gaccetteaa eatetetgag tettggeeca tetetgtgae ggaceteeeg 900 340 caggcgtgtg ccaagaggge agccagtgcc aatgctggct tettgaagga gtacgaggce 960 342 atcaaqqacq aqqctqqctt ttccqcaccc ccqcctggct atgagcayga cagccccgtc 1020 344 tootatgace gttotcaggg geagttitot ceggtggagg agageceece tgacgacatg 1080 1140 346 cetetetaga agecaatgat etgtgetetg eagggtggge cetetggeeg tgateataeg 348 qtgctgactg gccccgcagg gccaaaggag ctctgggagc tggtgtggca gcacagggct 1200 350 catgtgettg tetetetttg eccaeceaat gteatggaga aggaattetg geeaaeggag 1260 1320 352 atgcagocog tagtoacaga catggtgaog gtgcactggg tggctgagag cagcacagca 354 qqctqqttct qtaccctcct cagggtcaca catggggaga gcaggaagga aagggaggtg 1380 356 cagagactge aattiteeata eetggageet gggeatgage tgeeegeeae caecetgetg 1440 358 cccttcctgg ctgctgtggg ccagtgctgc tctcggggca acaacaagaa gccgggcaca 1500 360 etgeteagee acteeaacaa gggtgeaace eagetgggea cetteetgge eatggageag 1560 362 etgetgeage aggeagggte tgagtgeace gtggatatet ttaaegtgge eetgeageag 1620 364 teteaggeet gtggeettat gaeeceaaca etgaageagt atgtetaeet etacaaetgt 1680 1710 366 ctgaacageg cgctggcaga cgggctgccc 369 <210> SEQ ID NO: 10 370 <211> LENGTH: 570 371 <212> TYPE: PRT 372 <213> ORGANISM: HOMO SAPIENS 374 <220> FEATURE: 375 <221> NAME/KEY: Variant 376 <222> LOCATION: (46)..(46) 377 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid. 380 <220> FEATURE: 381 <221> NAME/KEY: Variant 382 < 222 > LOCATION: (180)..(180)383 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/029,345A

DATE: 05/30/2002 TIME: 10:20:22

Input Set : A:\D0072.NP.msg.parts.ST25.txt
Output Set: N:\CRF3\05302002\J029345A.raw

#### Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the  $\langle 220 \rangle$  to  $\langle 223 \rangle$  fields of each sequence which presents at least one n or Xaa.

Seq#:6; Xaa Pos. 162,200,203,214,224

Seq#:8; Xaa Pos. 49,110,121,127,142,155,166

Seq#:10; Xaa Pos. 46,180,201

Seq#:78; Xaa Pos. 2,3

Seq#:79; Xaa Pos. 5,6,7,8

Seq#:81; Xaa Pos. 2,3

Seq#:82; Xaa Pos. 5,6,7,8

### VERIFICATION SUMMARY

PATENT APPLICATION: US/10/029,345A

DATE: 05/30/2002 TIME: 10:20:22

Input Set : A:\D0072.NP.msg.parts.ST25.txt
Output Set: N:\CRF3\05302002\J029345A.raw

L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:160
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:192
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:208
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:48
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:96
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:112
L:295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:128
L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:144
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:160
L:400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:32
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:176
L:430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:192
L:3182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0
L:3216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0
L:3228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0